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CLAIMS

1. A device for assembling the casing (2) and the
body (7) of a hydraulic rock-breaker, comprising a
5 casing (2), inside which is housed a body (7)
comprising the hydraulic percussion mechanism,
inside which is mounted a bush (8) serving to
guide a tool (6), the tool being held in rotation
and limited in translation in the guide bush (8)
10 by a cotter (10), and the guide bush being held in
rotation and in translation in the body (7) by a
cotter, characterized in that the guide bush (8)
comprises at least one peripheral zone (14) of
noncircular shape interacting with a zone (15) of
15 matching shape made in the front portion of the
casing (2), in order to limit the rotation of the
bush (8) and hence of the body (7) relative to the
casing (2).
- 20 2. The device as claimed in claim 1, characterized in
that the front end of the bush (8) comprises at
least one facet designed to press against a facet
made in the transverse portion of the casing.
- 25 3. The device as claimed in claim 2, characterized in
that the front end of the bush (8) comprises a
peripheral zone (14) of polygonal cross section,
and the transverse portion (4) of the casing
comprises an opening (5) of polygonal cross
30 section (15) matching the external shape of the
bush (8).
4. The device as claimed in claim 1, characterized in
that the front end of the bush and the transverse
35 portion of the casing comprise a set of matching
longitudinal splines-grooves.

5. The device as claimed in one of claims 1 to 4, characterized in that the operations of mounting the tool (6) into the bush (8) and the bush (8) into the body (7) are carried out with the aid of a single cotter (10), oriented transversely to the axis of the rock-breaker, and passing through bores (9, 11), recess (12) and notch (13) made respectively in the casing (2), in the body (7), in the bush (8) and in the tool (6).
6. The device as claimed in one of claims 1 to 4, characterized in that the operations of mounting the tool (6) into the bush and the bush (8) into the body (7) are carried out with the aid of two distinct cotters, oriented transversely to the axis of the rock-breaker, one (17) of the cotters passing through bores (16) and recesses (18) made in the casing (2), in the body (7) and in the bush (8) and the other cotter (10) passing through bores (9, 11) made in the casing (2) and the body (7) and a notch (13) made in the tool (6).